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|-------------------------------|-----------------|--------------|
| <b>Notice of Allowability</b> | Application No. | Applicant(s) |
|                               | 10/053,480      | CHEAH ET AL. |
|                               | Examiner        | Art Unit     |
|                               | Henry K Choe    | 2817         |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to the amendment filed on 8/21/2003.
2.  The allowed claim(s) is/are 1-14 and 17-32.
3.  The drawings filed on 8/21/03 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_

5.  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - (a)  The translation of the foreign language provisional application has been received.
6.  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8.  CORRECTED DRAWINGS must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1)  hereto or 2)  to Paper No. \_\_\_\_\_.
  - (b)  including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1  Notice of References Cited (PTO-892)
- 3  Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 5  Information Disclosure Statements (PTO-1449), Paper No. \_\_\_\_\_
- 7  Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 2  Notice of Informal Patent Application (PTO-152)
- 4  Interview Summary (PTO-413), Paper No. \_\_\_\_\_
- 6  Examiner's Amendment/Comment
- 8  Examiner's Statement of Reasons for Allowance
- 9  Other

  
**HENRY CHOE**  
**PRIMARY EXAMINER**

## DETAILED ACTION

### ***Reasons for Allowance***

Claims 1-14 and 17-32 are allowed.

The following is an examiner's statement of reasons for allowance: Regarding claims 1 and 19, the closest prior art of record, Conta et al does not disclose the following limitations: the positive current branch includes a first current path and a second current path and negative current branch includes a first current path and a second current path and the functional limitations of the current. Regarding claim 5, the closest prior art of record, Conta et al does not disclose the following limitations: the first current branch and second current branch and their structure limitations. Regarding claim 12, the closest prior art of record, Conta et al does not disclose the following limitations: a p-precharged Domino logic gate having no inverting clock latch. Regarding claim 22, the closest prior art of record, Conta et al does not disclose the following limitations: the first through fourth p-type transistors and their structure limitations. Regarding claim 23, the closest prior art of record, Conta et al does not disclose the following limitations: the first through fourth n-type transistors and their structure limitations. Regarding claim 24, the closest prior art of record, Conta et al does not disclose the following limitations: a shorting buffer which is connected to the first and second current branches. Regarding claim 25, the closest prior art of record, Conta et al does not disclose the following limitations: a n-precharged Domino logic gate having a clock latch and the reset logic coupled to the clock latch of the n-block.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Henry Choe whose telephone number is (703) 305-0576. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bob Pascal, can be reached on (703) 308-4909.



**HENRYCHOE**  
**PRIMARY EXAMINER**